

16_28 Plottable Levels Attribute

Question:

I am trying to get some legend symbols to show up on Hearing Map view with the fill displayed in Microstation. I have been successful in getting the correct fill to show up on Alt B but when I do a copy/paste to Alt C or even make a cell to paste on Alt C, it will not show fill on Hearing Map View. The attributes look to be the same as the ones on Alt B, but for some reason there is a difference between the way they come out on Alt B and Alt A. Why is this? ... This is the first time I have had trouble with them since I changed the attributes about a week ago.

Answer:

The problem originated from modifying the Microstation level's "plottable" attribute. This can be easily and accidentally accomplished by unchecking the Plot column inside the Level Manager dialog box.

Name	Number	Description	Logical	Color	Style	Weight	Global Display	Global Freeze	Lock	Plot	Used
*Prop PHM White Shape [R...	70433		Master	<input type="checkbox"/> 0	0	0	✓			✓	•
Prop PHM White Label Box ...	70432		Master	<input type="checkbox"/> 0	0	2	✓			✓	•
Prop PHM Text [ROADWAY...	70431		Master	<input type="checkbox"/> 0	0	2	✓			✓	•
*Prop PHM ROW Shape [R...	70430		Master	<input checked="" type="checkbox"/> 152	0	0	✓			✓	•
*Prop PHM Roadway Shape ...	70428		Master	<input checked="" type="checkbox"/> 4	0	0	✓			✓	•
*Prop PHM Road to be Resu...	70427		Master	<input checked="" type="checkbox"/> 6	0	0	✓			✓	•
Prop PHM Legend CELL [R...	70049		Master	<input type="checkbox"/> 0	0	0	✓			✓	•
Prop PHM Label CELL [RO...	70047		Master	<input type="checkbox"/> 0	0	0	✓			✓	•
Prop PHM Historic Property ...	70555		Master	<input type="checkbox"/> 0	----- 2	8	✓			✓	•
*Prop PHM Halching Black ...	70424		Master	<input checked="" type="checkbox"/> 255	0	3	✓			✓	•
*Prop PHM Future Road Sh...	70423		Master	<input checked="" type="checkbox"/> 20	0	0	✓			✓	•
Prop PHM English Scale CE...	70042		Master	<input type="checkbox"/> 0	0	0	✓			✓	•
*Prop PHM Detour Shape [...	70421		Master	<input checked="" type="checkbox"/> 220	0	0	✓			✓	•
*Prop PHM Concrete Structu...	70420		Master	<input checked="" type="checkbox"/> 3	0	0	✓			✓	•
Prop PHM CA Symbol CELL ...	70041		Master	<input type="checkbox"/> 0	0	0	✓			✓	•
Prop PHM CA Line [ROADW...	70418		Master	<input checked="" type="checkbox"/> 3	0	5	✓			✓	•
*Prop PHM Black Shape [R...	70417		Master	<input checked="" type="checkbox"/> 239	0	0	✓			✓	•
Prop PHM Black Element Wt...	70415		Master	<input type="checkbox"/> 0	0	3	✓			✓	•
*Prop PHM All Assemblies S	70412		Master	<input checked="" type="checkbox"/> 152	0	0	✓			✓	•

Even though both Level Display and Level Manager dialog boxes have the ability to display the Plot column attribute, most of the level's attributes can be modified through Level Manager dialog box only. This is why Roadway CADD Support has always recommended the sole usage of **Level Display**. When the level's attributes such as color, weight, and in this case, plot-ability have been modified, an asterisk (*) will appear before the level name (above picture) and it is saved with the file as in the modified state. This is an indication by the Microstation Application telling us that the level's attributes do not match what is in the default levels DGNLIB (automatic reference source).

Currently Roadway CADD Support is working with the NCDOT CADD Services Unit to set a possible workspace configuration to not permit the modification of level's attributes.